

PROCEDURES FOR MERGING THE MEDIATION DEVICE PROTOCOL
WITH A NETWORK LAYER PROTOCOL

ABSTRACT

5 A process for merging and using the Mediation Device Protocol with a network layer protocol. Under the merged protocol, each device joining a network enters into two stages: the Set-Up Stage and the Normal Operational Stage. During the Set-Up Stage, the device identifies its neighbors, builds a neighborhood list, obtains a Logical ID, and picks a parent node in the network.

10 After the Set-Up Stage is complete, the device enters the Normal Operational Stage where it will send/receive control and data messages, invite and help new nodes to join the network, recover from broken links or topology changes, and other normal network operations.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-10-2018 BY SP